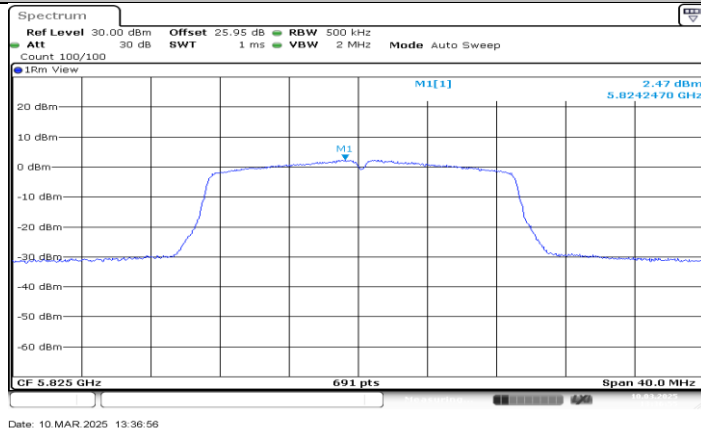
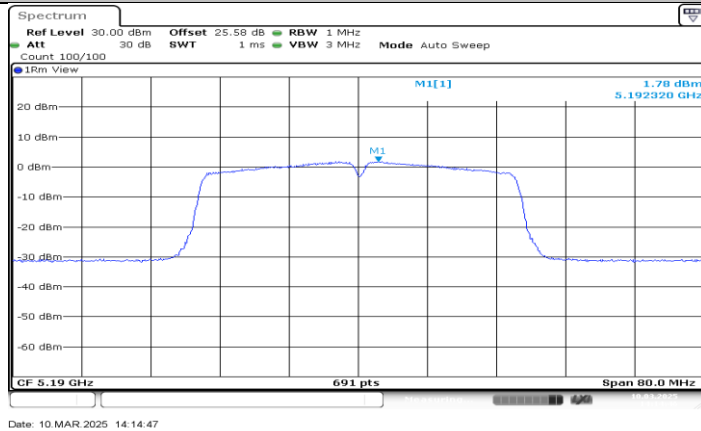


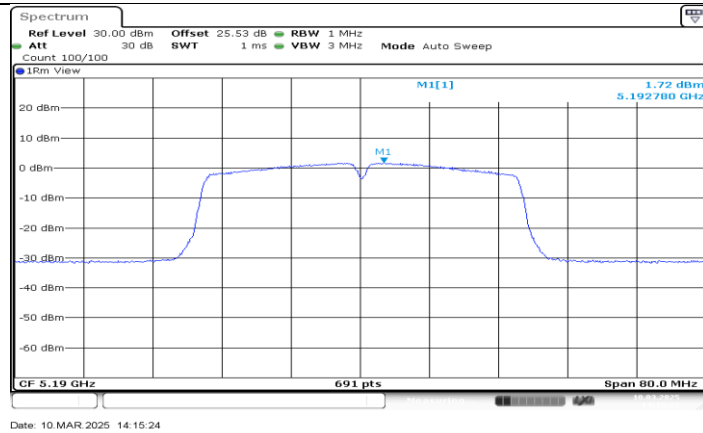
11N20MIMO_Ant0_5825



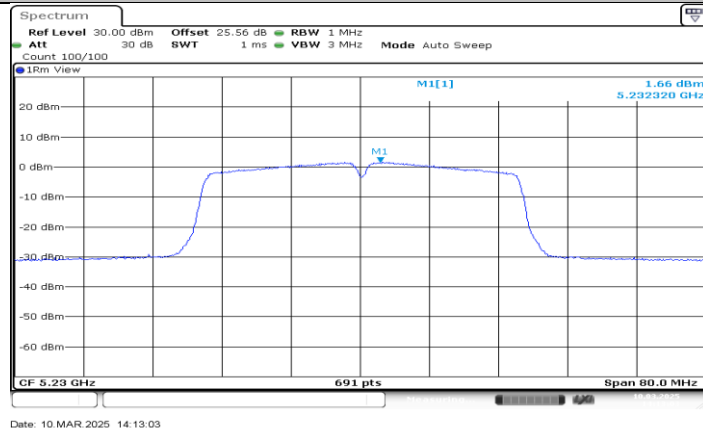
11N20MIMO_Ant1_5825



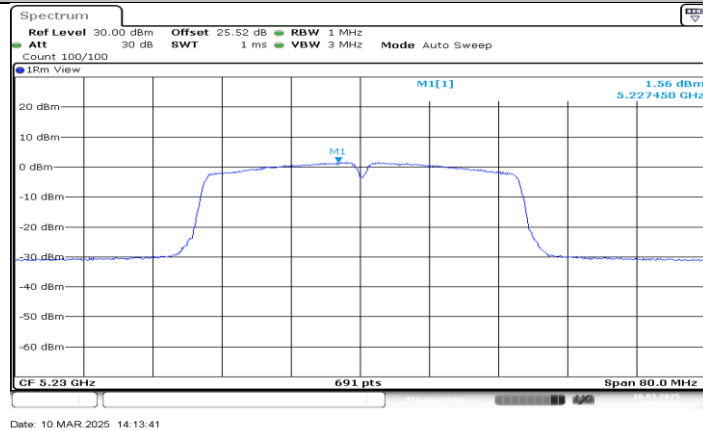
11N40MIMO_Ant0_5190



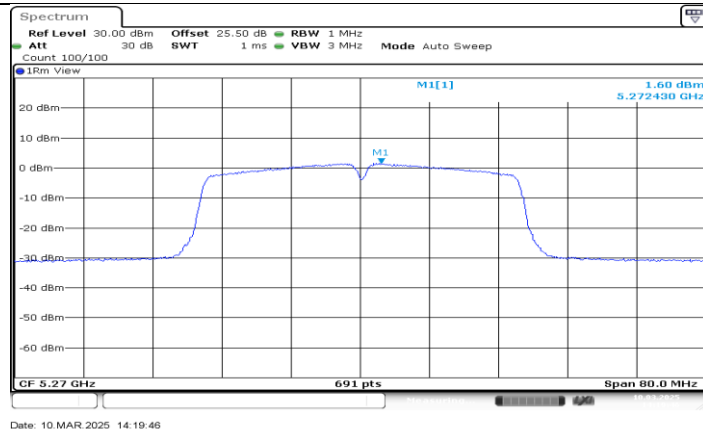
11N40MIMO_Ant1_5190



11N40MIMO_Ant0_5230



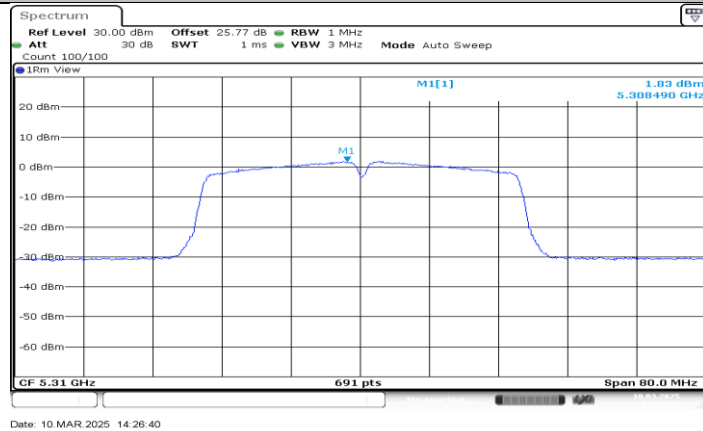
11N40MIMO_Ant1_5230



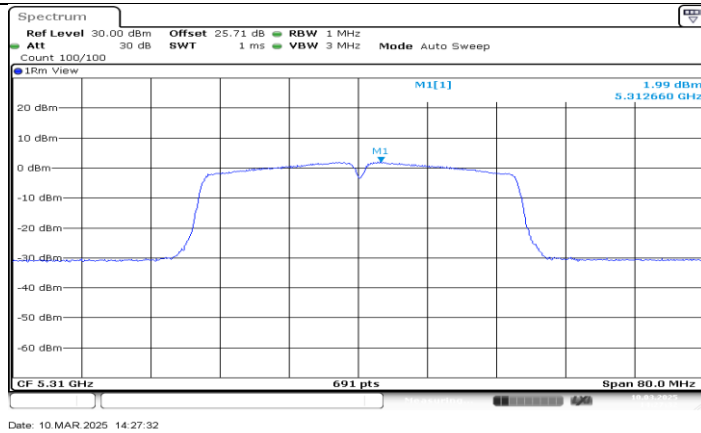
11N40MIMO_Ant0_5270



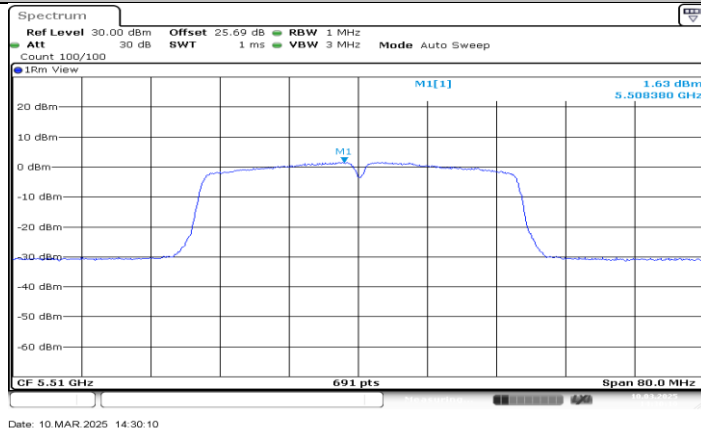
11N40MIMO_Ant1_5270



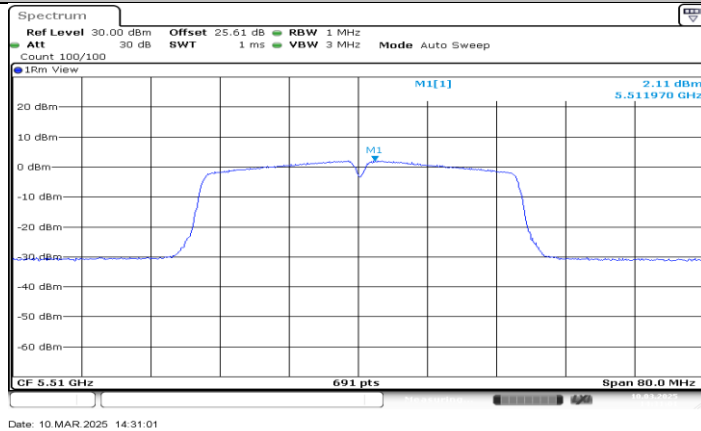
11N40MIMO_Ant0_5310



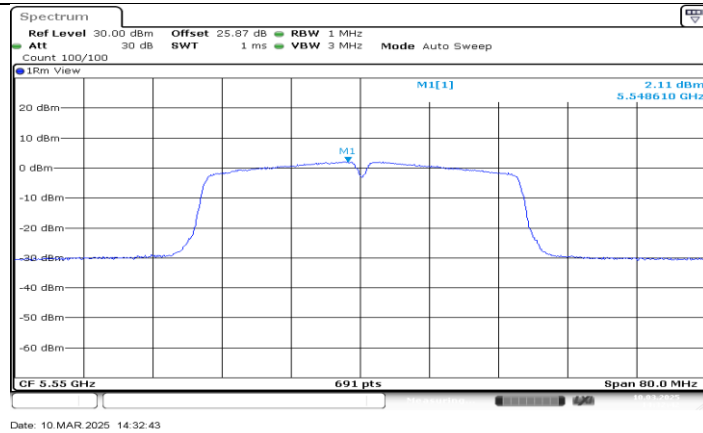
11N40MIMO_Ant1_5310



11N40MIMO_Ant0_5510



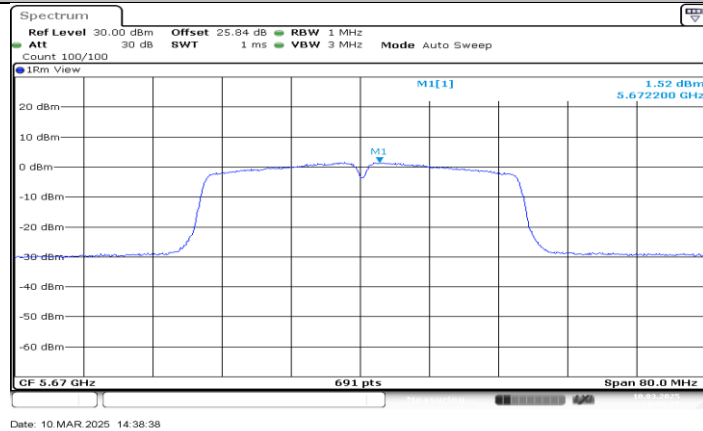
11N40MIMO_Ant1_5510



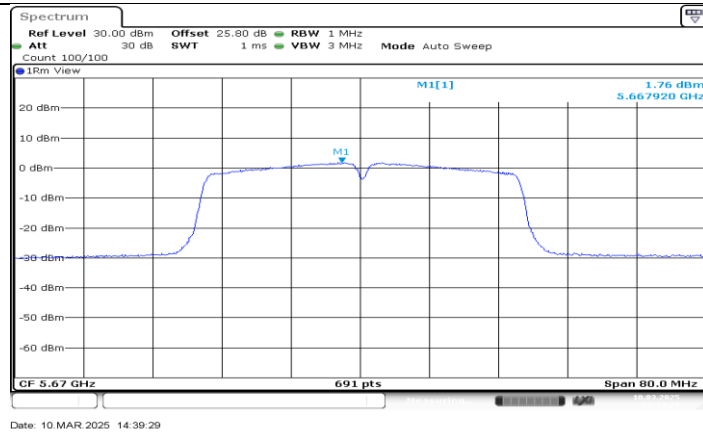
11N40MIMO_Ant0_5550



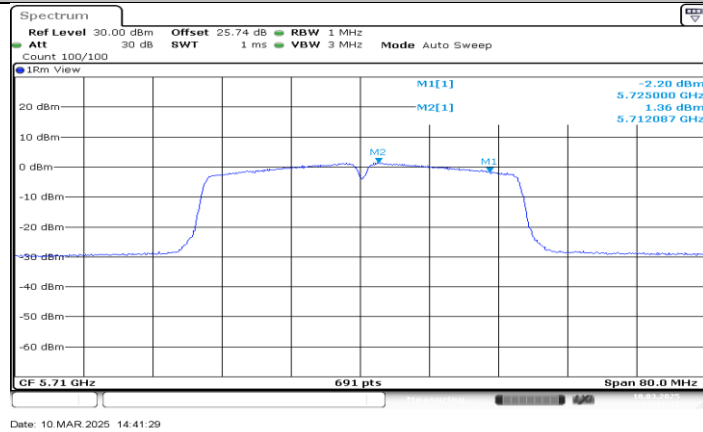
11N40MIMO_Ant1_5550



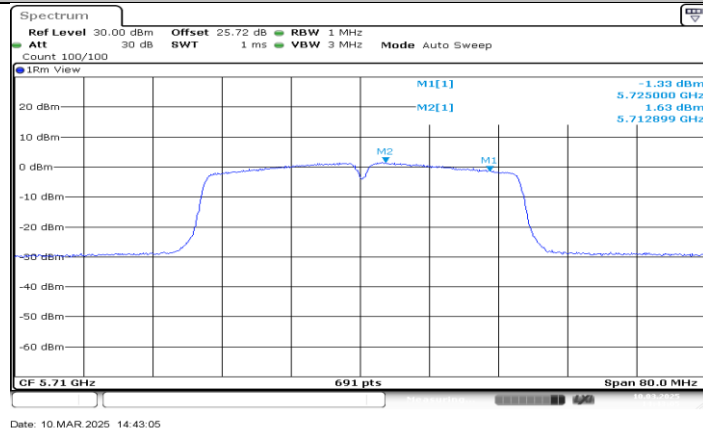
11N40MIMO_Ant0_5670



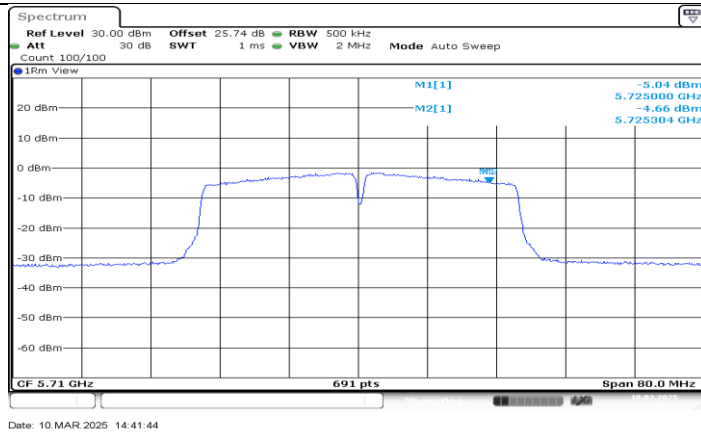
11N40MIMO_Ant1_5670



11N40MIMO_Ant0_5710_UNII-2C



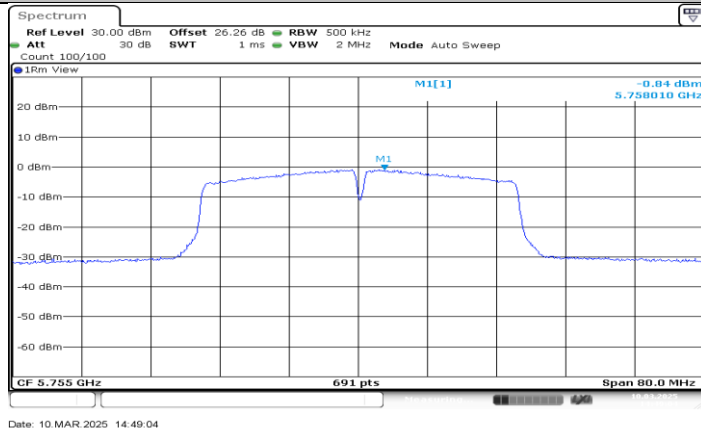
11N40MIMO_Ant1_5710_UNII-2C



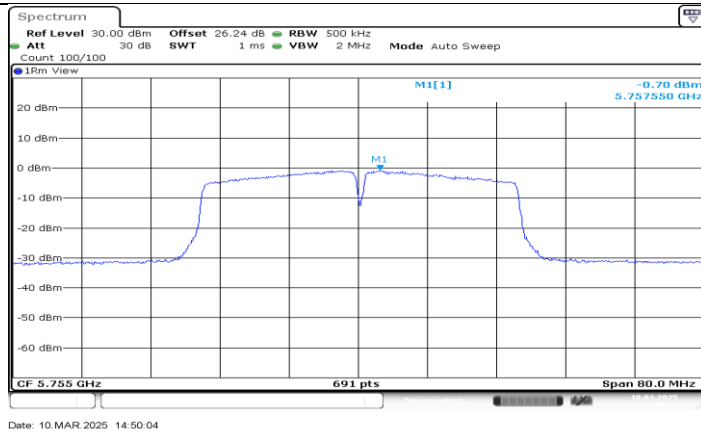
11N40MIMO_Ant0_5710_UNII-3



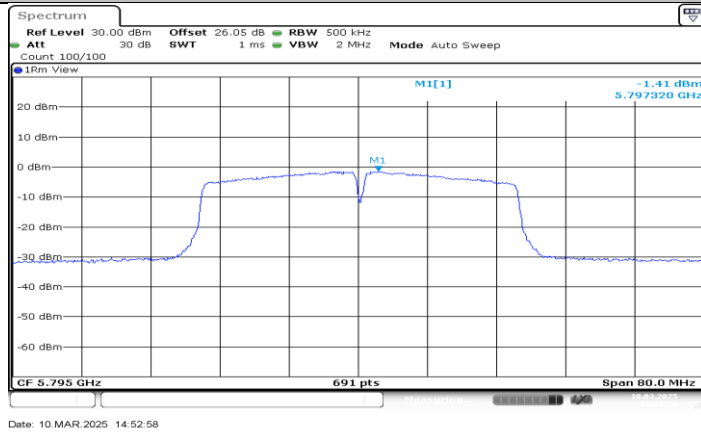
11N40MIMO_Ant1_5710_UNII-3



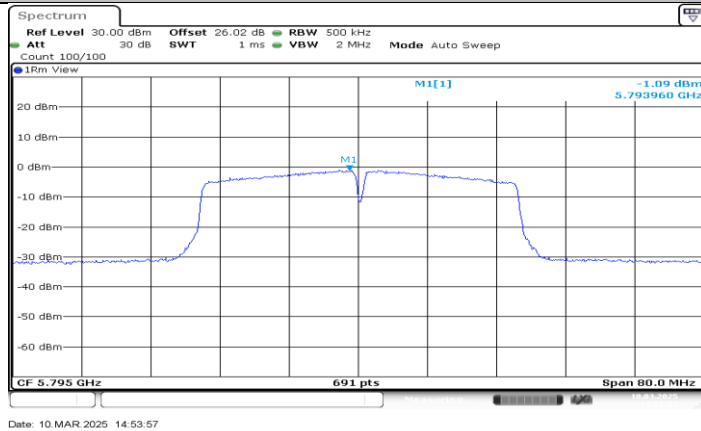
11N40MIMO_Ant0_5755



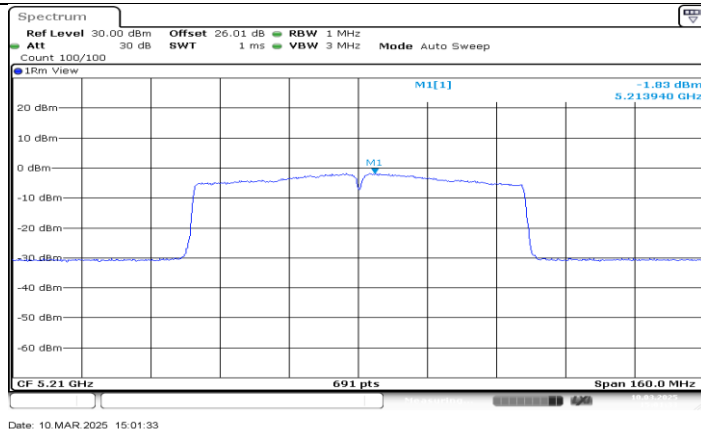
11N40MIMO_Ant1_5755



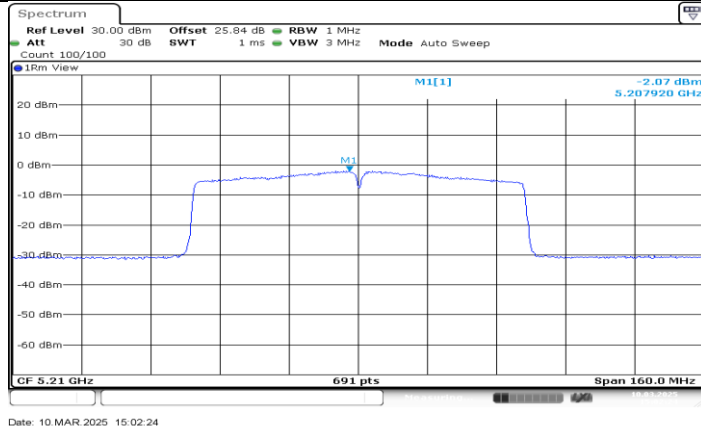
11N40MIMO_Ant0_5795



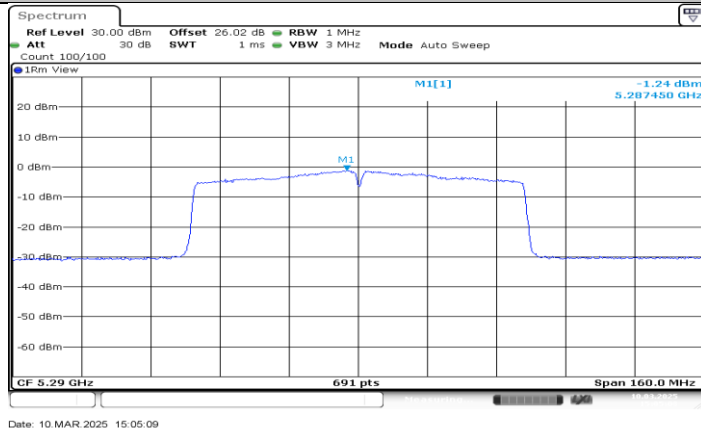
11N40MIMO_Ant1_5795



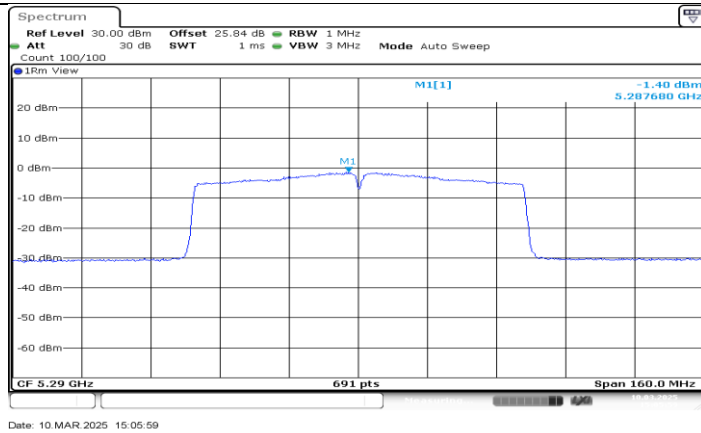
11AC80MIMO_Ant0_5210



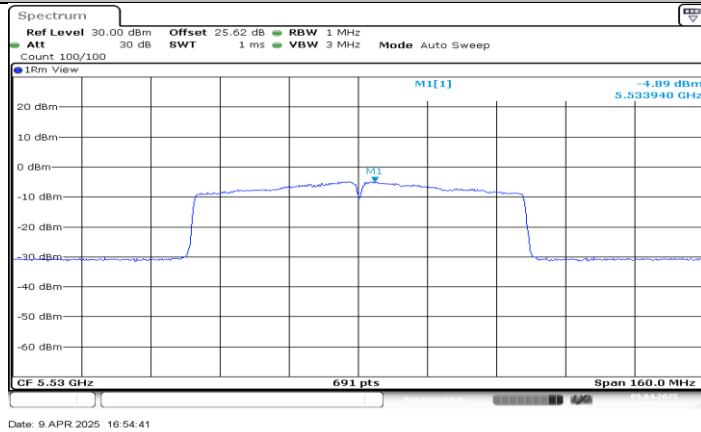
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant0_5290

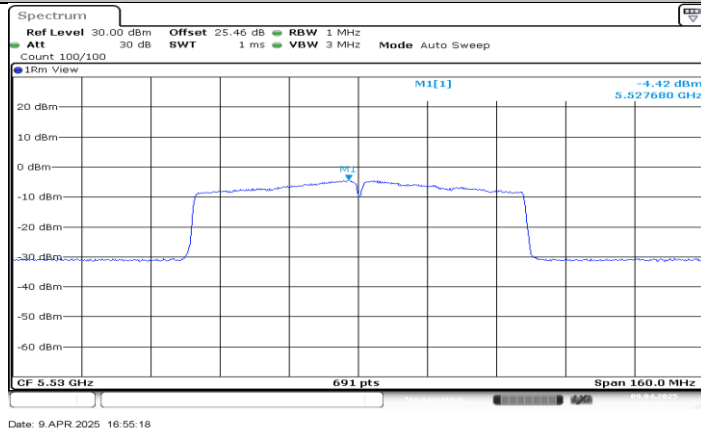


11AC80MIMO_Ant1_5290



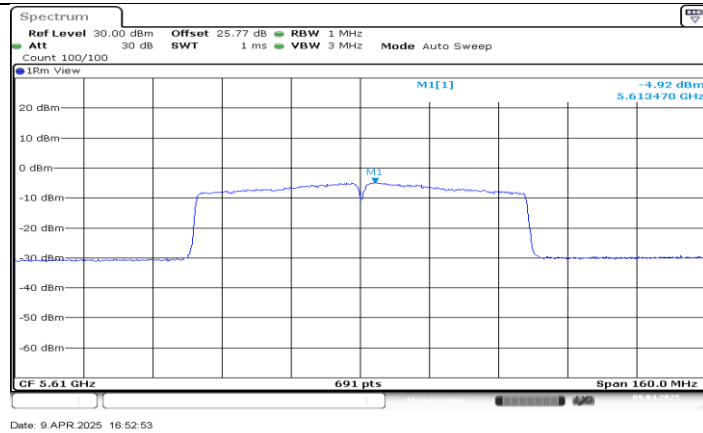
Date: 9 APR 2025 16:54:41

11AC80MIMO_Ant0_5530



Date: 9 APR 2025 16:55:18

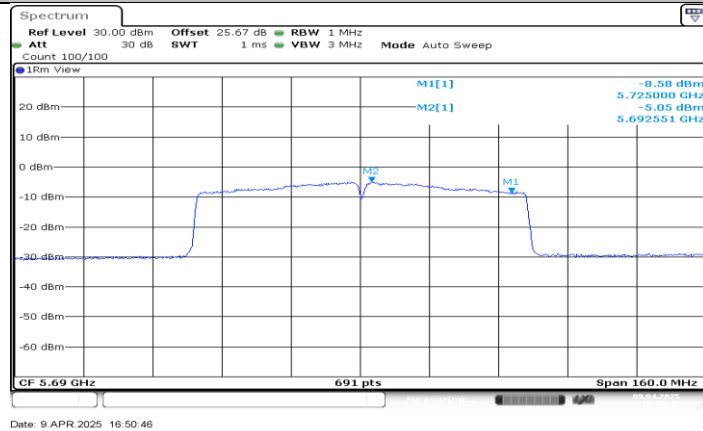
11AC80MIMO_Ant1_5530



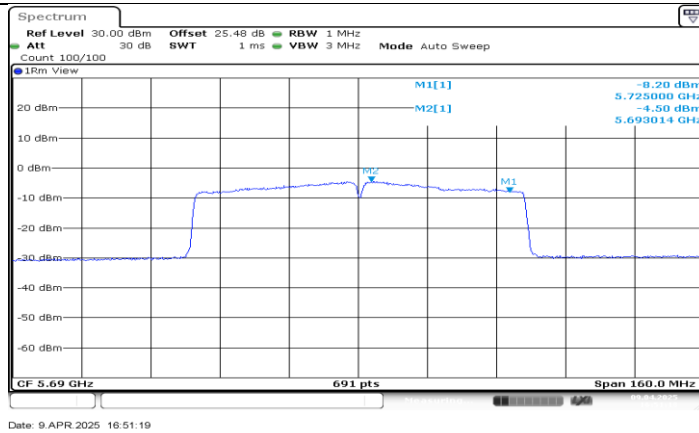
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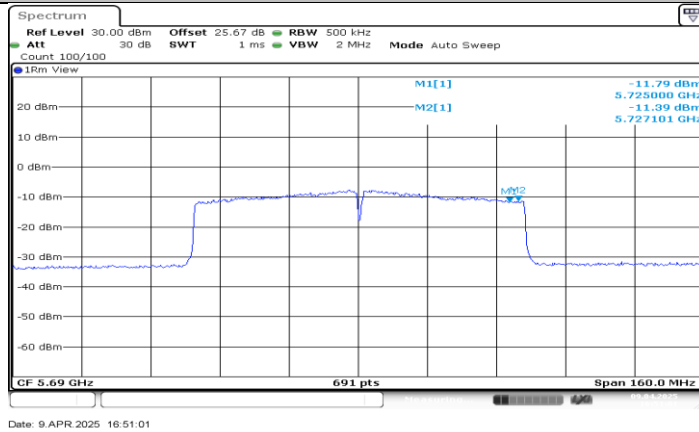
11AC80MIMO_Ant1_5610



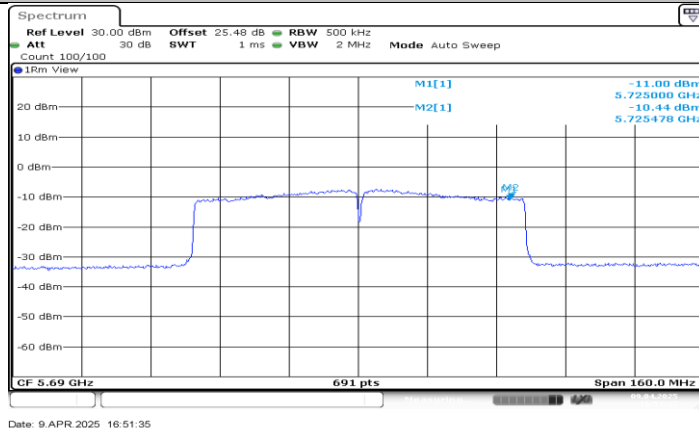
11AC80MIMO_Ant0_5690_UNII-2C



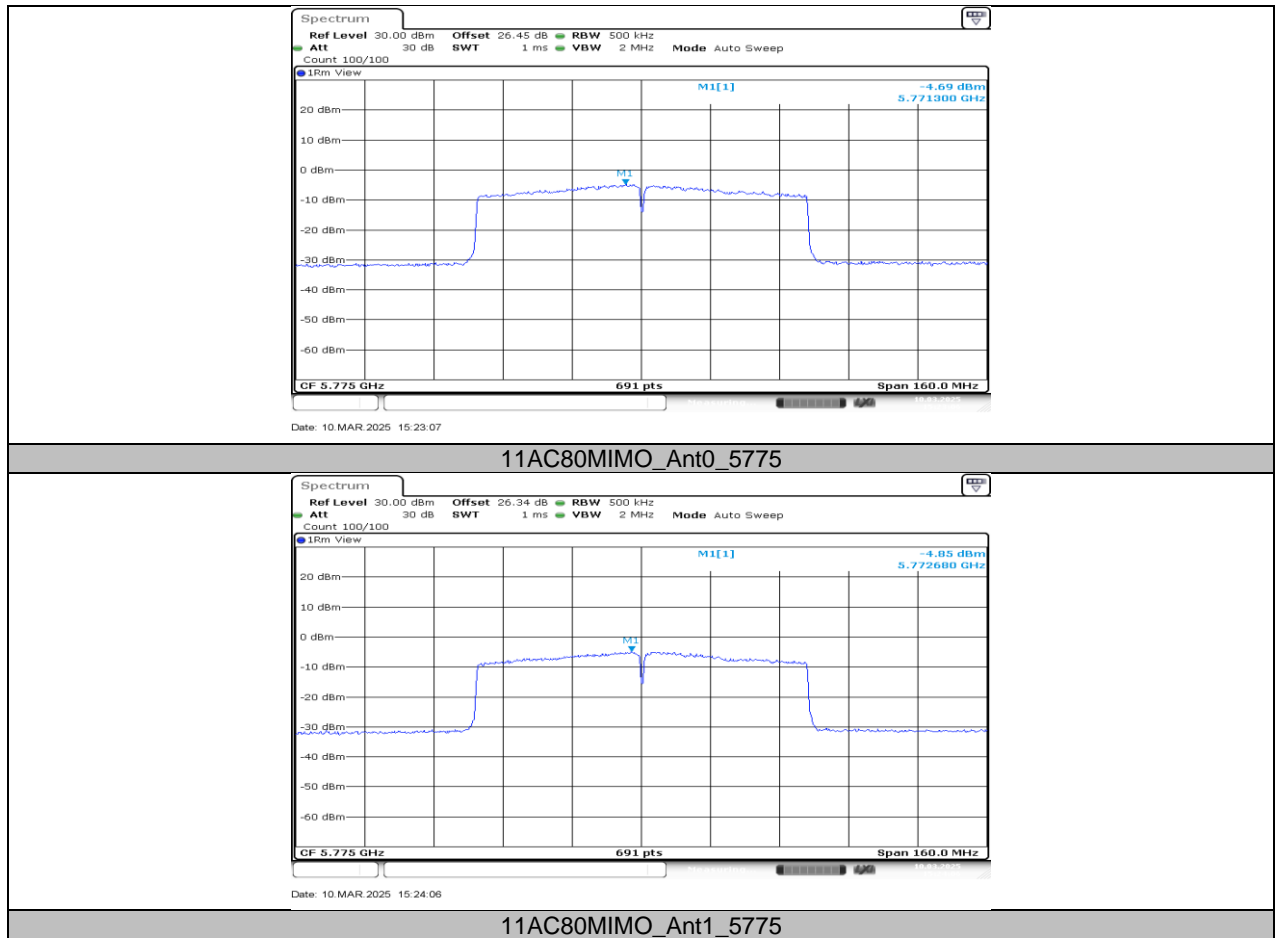
11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant0_5690_UNII-3



11AC80MIMO_Ant1_5690_UNII-3



11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5179.9894	-2.06	5180.0014	0.27	5179.9838	-3.13	5180.0051	0.98
TN	VN	5179.9766	-4.51	5179.9816	-3.56	5179.9773	-4.38	5180.0154	2.97
TN	VH	5180.0011	0.22	5180.0093	1.80	5180.0024	0.46	5179.9824	-3.39
Frequency Error vs. Temperature									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5179.9860	-2.70	5180.0034	0.65	5179.9886	-2.20	5179.9919	-1.56
60	VN	5179.9874	-2.43	5179.9959	-0.79	5179.9814	-3.59	5179.9942	-1.13
50	VN	5180.0023	0.44	5180.0163	3.14	5179.9909	-1.76	5179.9776	-4.33
40	VN	5179.9883	-2.26	5179.9812	-3.64	5179.9986	-0.27	5179.9838	-3.13
30	VN	5180.0024	0.47	5179.9931	-1.34	5180.0014	0.27	5179.9946	-1.04
20	VN	5180.0166	3.20	5179.9902	-1.88	5180.0087	1.68	5179.9818	-3.51
10	VN	5180.0206	3.97	5179.9888	-2.17	5179.9865	-2.61	5179.9774	-4.36
0	VN	5179.9797	-3.91	5179.9779	-4.27	5180.0030	0.57	5180.0055	1.06

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.38	1.42	0.9718	97.18	0.12	0.72	1
11N20MIMO	1.28	1.33	0.9624	96.24	0.17	0.78	1
11N40MIMO	0.64	0.68	0.9412	94.12	0.26	1.56	2
11AC80MIMO	0.32	0.37	0.8649	86.49	0.63	3.13	4

Note:

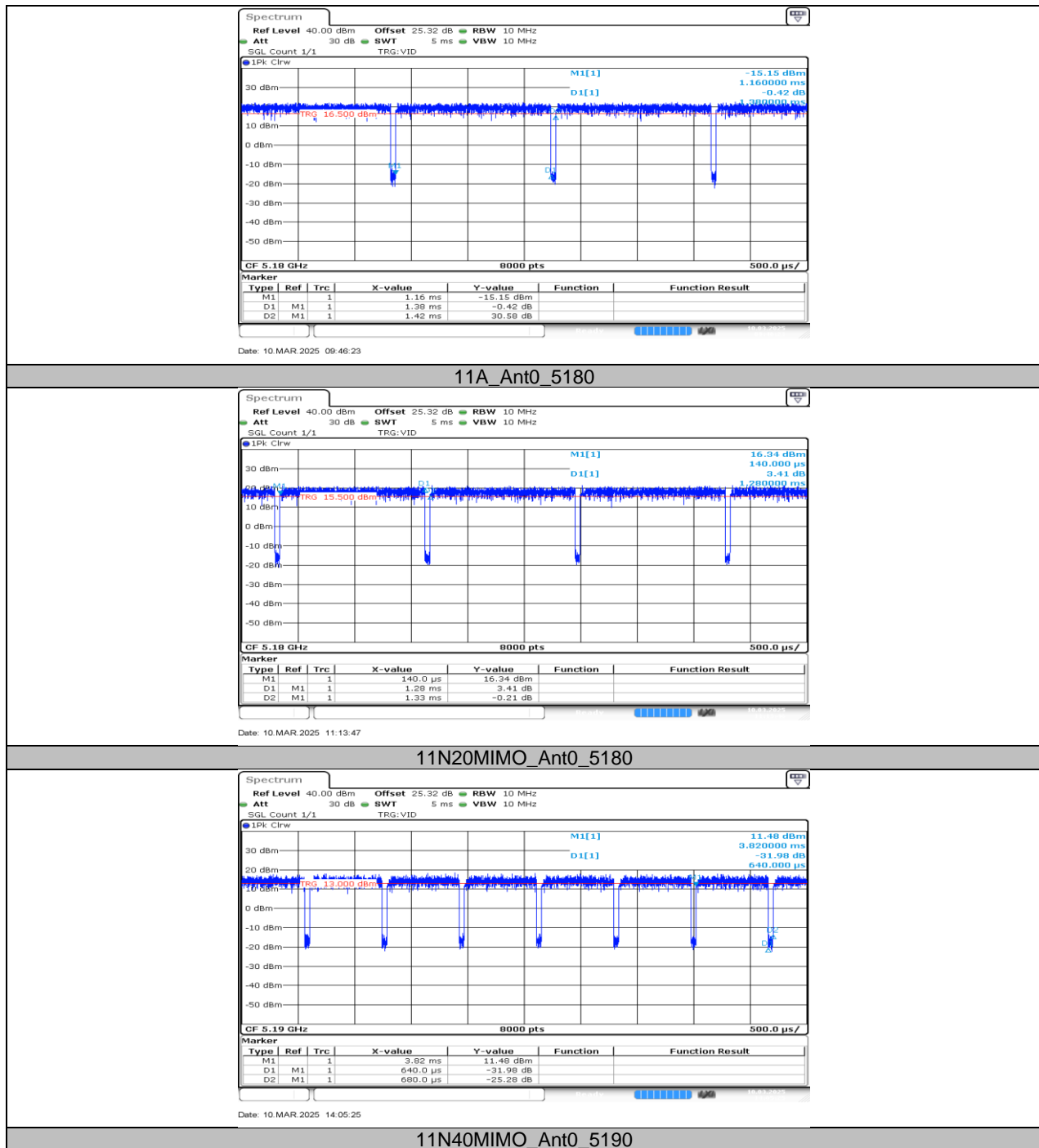
Duty Cycle Correction Factor= $10\log(1/x)$.

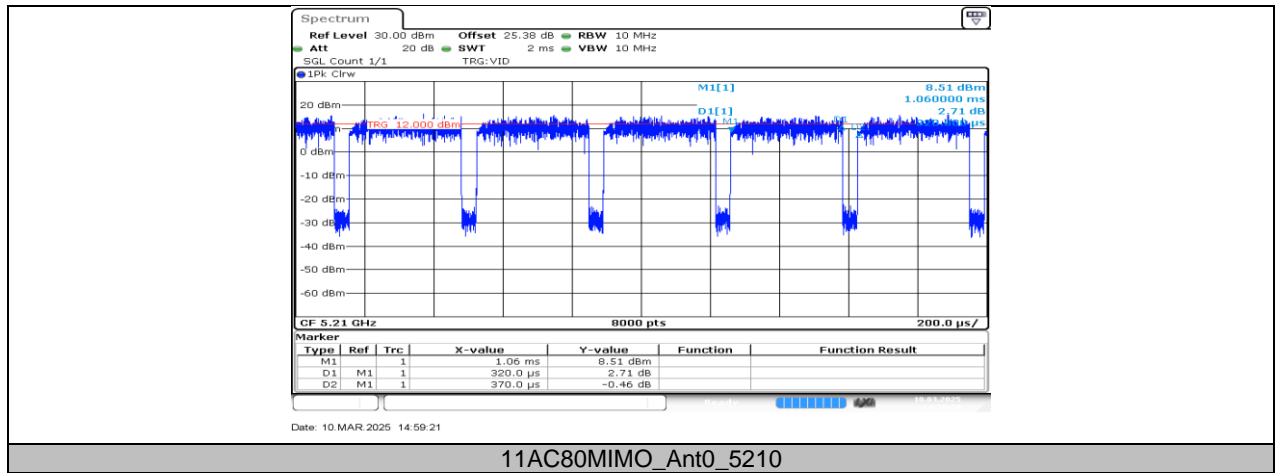
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

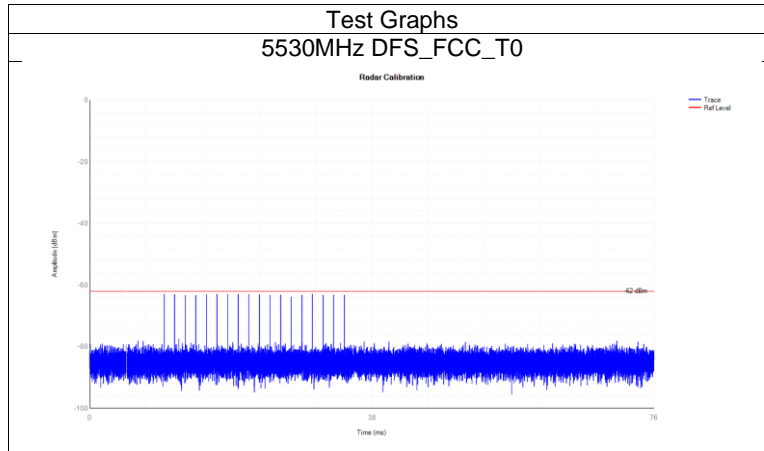




11.8. APPENDIX H: DYNAMIC FREQUENCY SELECTION

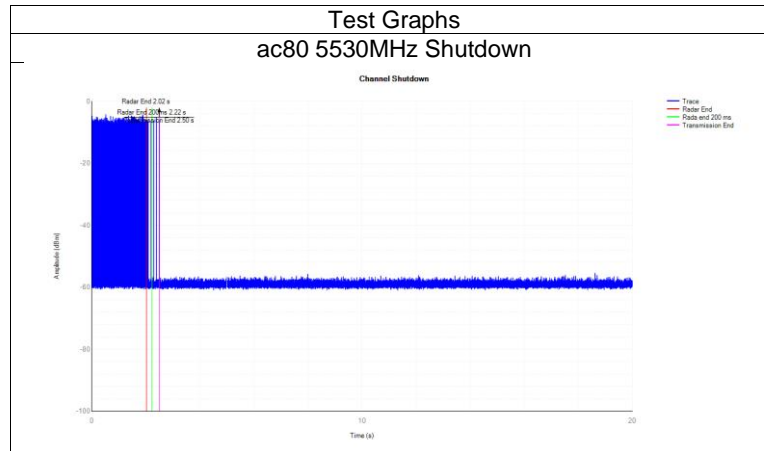
11.8.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
ac80	5530	DFS_FCC_T0	See test Graph	Pass



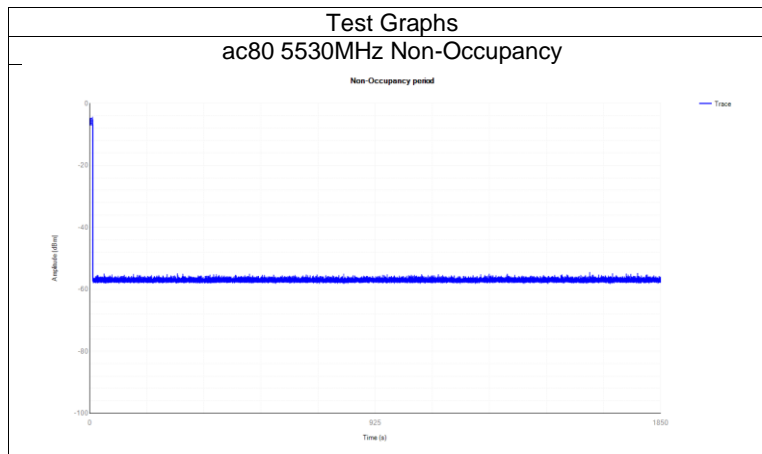
11.8.2. Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5530	0.476	10	0.017	0.26	0.004	0.06	Pass



11.8.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
ac80	5530	See test Graph	Pass



END OF REPORT